

BSI-Inspectorate America
178 Mortland Road
Searsport, Maine 04974
(207)548-6440



QUALITY CERTIFICATE

Vessel	SHORE TANK NO. 4	Port	SEARSPORT, MAINE	Report	SP/04/0306
Customer	SPRAGUE	Date	March 5, 2004	Reference	
Operation	ANALYSIS	Terminal	SPRAGUE	Sample #	287872

Name of material being tested
Description of sample source
Samples Drawn by (company)
Samples Tested by (company)

NO. 6 FUEL OIL 2.0%

EX. SHORE TANK NO. 4 AFTER DISCHARGE OF TEXAS
INSPECTORATE
INSPECTORATE

Tests being Performed	Test method	Minimum	Maximum	Sample Source
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GRAVITY, API @ 60 F	ASTM D 4052			11.8
FLASH POINT, F	ASTM D 93			200+
VISCOSITY, SSF @ 122 F	ASTM D 445/2161			211
POUR POINT, F	ASTM D 97			+26.6
WATER & SEDIMENT, % VOL.	ASTM D 1796			0.20
SULPHUR, % WT.	ASTM D 4294			1.74
I, % WT.	ASTM D 482			0.04
VANADIUM, PPM	AA/AE			93
SODIUM, PPM	AA/AE			20
BTU'S/POUND	CALCULATION			18,335
BTU'S/GALLON	CONVERSION			150,787
NITROGEN, % WT.	ASTM D 3228			0.395
CARBON RESIDUE, % WT.	ASTM D 4530			11.32
ASPHALTENES, % WT.	IP-143			5.39
<p>SPRAGUE PROVIDES THE ATTACHED INSPECTION REPORT/ANALYSIS REPRESENTING THE SPECIFICATIONS OF THE PRODUCT AT THE SPRAGUE TERMINAL IN TANK ON THE DATE OF INSPECTION NOTED ON THE CERTIFICATE. THIS ANALYSIS IS PROVIDED TO THE CUSTOMER FOR THE PURPOSE OF ESTABLISHING THE INDEPENDENTLY VERIFIED PRODUCT SPECIFICATION ON A COMPOSITE BASIS IN SPRAGUE'S TERMINAL SHORE TANK AS NOTED ON THE CERTIFICATE. THE INSPECTION REPORT IS NOT TO BE USED FOR ANY OTHER PURPOSE. SPRAGUE DISCLAIMS ANY LIABILITY FOR THE PRODUCT AFTER DELIVERY BY SPRAGUE TO CUSTOMER. SPRAGUE DISCLAIMS ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR AN INTENDED USE EXCEPT AS MAY BE SPECIFICALLY SET FORTH IN WRITING IN ANY CONTRACT OR TERMS OF SALE BETWEEN SPRAGUE AND A BUYER OF PRODUCT. SPRAGUE ASSUMES NO LIABILITY FOR CLAIMS OR LOSSES THAT MAY ARISE FROM CUSTOMER'S USE OF THIS INSPECTION REPORT/ANALYSIS.</p>				